

TABLE I

cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:252	Late	LPZ-223	TGGGCGAATCATATGGCTTGCATTTCATTGTAACATGTATACTTAAGGATTATCA TAATGCCCTCCAAAACCTTGATCTCGTCCTGCCACAATACATCCAGGATAACTAA TGGAAGCTTGACATGTCTCACCAAGTAATAATATCAACTATAATACATGCCATTCT TTTATCAGTTTGAAACAAAATAATCGATTGCATTCTGACAAAGAACCTCGCCAT AAAAACAAATAAATTCTCATAATGCCCTCCAAACCTTGAGTCTGGGGCCTCAGTCG CCACAATCCATTAAAGAGGAATTGGGGTTGATAGTGCCCAGGTCCAATCTTCAT GAAAATTGTTCATCAATCTTGCTGCATACACATCTCTGCTTCACTATCTG GGATCGCACC
SEQ ID NO:253	Late	LPZ-224	CCACTATAATGAACATTGATATTACAAATATAATACATTAATATTACAATTCAAATC ATTGACAATGAGCAGGCAGTACTTGCACTGAGTGCCTTGGATTCAAGCTTCTGATTGCA ATTAATTCTTGAGACGCTTTCTGGGAGGGCAGGTTTCCGCTCAGAGAAAACC ACGTACAAAACGATATTAATAAAAGACACATACAAAAAAACTTCATTTCG TCTTCCATTGGTTCTCCTCTATCTCCATTGGAGGGCTAAATGACTTCAAAT TTAAAAGTCAACAAACAGAGTGCAGCACATTCTATTAGCTTGCTGAAATATCTGAT TGGATCGCACC
SEQ ID NO:254	Middle	LPZ-225	GGTGCATCCGCATTAAGAGAAGCATAAGAAAAAGAAGTACCTGCCCTTGATT TGGTCCCAAGAAGACTCGTGCTATCAGGGCAGGCCCTACCAAGCATCAGGCATC ATTGAAGACTGAGAGACAGAAAAAGAAAGAGATGTATTTCCAATGAGAAAGTATG CAGCCAAGGTGTAAAGCACAGGATTGAGCTTCTATGCAATTGGTTACTCGCG GGATGATATTGCCATTATATTCCGTCCAAGTTGGCAAATTCTATTGATCA GAATTCAAGTTATGATAGGTGTTCTCGTTTGAGCAGTTGATATTGTTATCTT TATTCTATTATTAATCTCTAAGTTGGATCGCAC
SEQ ID NO.255	Late	LPZ-226	AAACAGACAAATATAGAAATATGCATACATAAGTCCCTGCAGAATTGGTTCCGCAA TGAATTCTGGTTATGGCAACATTACCTACTTAGTACTAACCCCTAAGATTATTCAG CTCTGATAAGTGGCATACGTGTATCAATCTGCATGAGTCTATCCCTGTTAACT TTTGGTGGGATCGCAC
SEQ ID NO.256	Late	LPZ-227	GTGGAAGCTTCATTGTAACACTACTGGTTTGAGAGAACAAATATACGCTAG CCGAGTGGATTATAACAAATATAGGCTTATTCTATTGGATCGCAC
SEQ ID NO:257	Late	LPZ-228	GGTGCATCCCATACATTAACATAGCCATCACAGCCCCAGTGGAAAAGTACCAT AGCTGCAAAACATTATAAAACTAACATTCTACAAGGAATAAAACAACTAAAAAA AGCAAGCAATAGGCATTAGGGAGGGAGAAGCTAAACTATTAAGCAACTACATG GGATGAAAGGCAATTGCGTTACTGGATAAACAGTATCTCTGCCAGCCTCTGACTT GCGATGACATTAAAGGCATATTTTAAGCTTGACCAGCTCAGATACATCATAAT ACTCCATAGCCATGCGAGCTCCACAGAACTAAGGGCAAAACCTGTTCCATTGG ATCGCATCA
SEQ ID NO:258	Late	LPZ-231	GGTGCATCCAACTGAGAAGGGTTGGAAAGATGACACCAAGTGGTTCT CTATTCTCCAGAGGATGCAAGAAAATTCTGAGAGCAAAGAAGATGGGACTCAA ATATTACGTTGGTTCTGTTAAATCTGCCAAGTACCCCTCAGGAAAGCTTATGCCA TAGACCTGGTGGCCATGAAGCAAACCAATGTAACACTGGCTTCTCAGAGATATC AAAATCATCAATTCTGCCCTACTGATGATCAGGAAGATGTAGAGTCTGATGAAGAA GATGAATTATTACATCTCGTCTGTCAAAGTTGAGTGAAGTGAAGTACCGAGCAGG AAACCTGATAAGATTGTCAAGATGGTTCTGTCACTGTAGACCTTGAGAAATTG ACTTCTCAATACCTCCTGGAGGATGAGTGCATTTGGTTCTAAAGCTCCCAGGGC TGCAGCTGCCAATCGGATCGCAC

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:259	Middle	LPZ-233	GGTGCATCCAGCTAATCAAACCTTAATGGAGAGCCCTCCCAGGAAGAGTAAATGGTAGTCACTGAAAGCCCTACACGGGTGGCTGGCGGTCTGACTAACTGACCAAAACATAGTCTCGCAGCCAACAAGCCAGACAGAGGTGTGGACTATAAGCACAAGTACTAGAAGCTAGCATCAAAGTAGAGAATTAAAGTTAGATACAGATGATTAGAAGCAGAAATGGAGCAGATCCAGACCACGGTAGCATGGTAGTTACGAACCTCACGCCACACCAACGCAATTGGTTAAGACTTCGCACTAGGATCGCACC
SEQ ID NO:260	Late	LPZ-234	GGTGCATCCATAGTTCTTTGCTAACCGACTACTCTATCTTTGACATTCTCAAATATTGGGTCTTCAGTTCTCAAATGCTAGAATCATATCAACATGGGATTAGTGAGGCCAATACTAACCCAGGGCATTAAAATAATACATTTCATTGATCCTATTCCCAAAACATTCCCGTATCGTACGTTGACTCAGCATATTAGAGCAATTCTTCTACAAACCTTAAGAAGGTTGTTCATGATAGTCTTCCGTCTGCAATATTGGATCGCACC
SEQ ID NO:261	Late	LPZ-235	GGTGCATCCCACCCAAGAGTTAAATTCACTTCTCCGCCTTCTGAGGAAGAGCACCTTTGGATGATGAAAAGTGGTCCACTCTTAAAACCGTATTGGAAACCCGTTC CGCGGACGGTCGTATGGCGTAACCGGCGCAGACATTATCTCCTCACACAATATCACATTCAAGTCCCCGCTGTTCCCGTTGCCTTCTGCTCCGACCCTAAACAGAACGACCACAAGAATGAACAAACACCGCAACCGAAACCTGACCCCTCACGTTGTC TTCGGTTGGATCGCACC
SEQ ID NO:262	Late	LPZ-237	GCGGACGCCCTGGCAAAACAGAGGGTATGCTAACGCCTACAGAAATTGAAAAATAAGAGAACGTATGACCATCAATCTCAATCTCAAGAAAAGAAGTTGCAATACGACTCCAACACTTTGAAAGTTGGAGGTTGCTCTTCTAGCGTTGAGACATGGTTGGTTTGAGCTGGAAAGCGTGTAAACGGGCACCTTACAGTTGCGGGAAATTGGAGATTGAGGACC CCCTCTCAAACGTCGATAGGGAGGCTAACGATCTAGAGGATTGTGATTGGTCTTTCCGCTACATGGAAAGAAAGTCAAACACTCAGAAAATTACCAAGAAGATTCTGTCGTTCTCGCAGCCGT
SEQ ID NO:263	Late	LPZ-239	GACGTTGAAAACGACGCCAGTGTAAAGAGCAGGCCGATGCCGAAGCTCGCGAGGGAAAAGCTGCAGAAGATGGGACCGATGACCAAGAATGAGATCATCATGAGCGGCACGCTACTGGTCACGGTGGCTTTGGATATTGGGGAAATGCTGAACGTGGATGCTGTTACTGCAGCGATCCTGGTTGTCCTACTCTGCACAGCGTCCGC
SEQ ID NO:264	Late	LPZ-240	TACGGCTGCGAGAAGACGACAGAACGAGCTGCCAATATAGGATCAATTGAATTGTTGGGATTGCTGCATGCCACCTTCCAGTTACTGCCTGAAGAACCCACAGCCAGCGAGTAAGGGCCGGTTCGAACCAATCACAGATGTAGGATAATCGCTTGAAACATGCATAGCGAATATGCCTCCACATTTCAGTGCCTCCCTCATCATCTTTTGATCCTGCACCTGATTCCCTGTGAGGCTGGAAGAGTAATATGACAGTTCCCTGTAACAAATGCTGACGTTGTCAAAATCTTGACCAAGAACGATGGTACATGTGCATCATGTCACAGCGTCCGC
SEQ ID NO:265	Middle	LPZ-241	TACGGCTGCGAGAAGACGACAGAAAAGAGGCCAACCGAGCTGACACCTCCACTCAGACATTGCAAAATCCACAACAAATCTGGAGCCAAGGTCTTCCCTCATTGAAAACATTATCGGACACATCAATGTCTGTAGTCTTCCATGGTCCATCCAGAGTAATCAGGGAAAGAACATGCACCTCAGTTCAAGAACATGCTGACGCTTCAACAGTGTAGAGGTTCTGCAACCTCAAGCAATGAATCGGCAGAACCTCCATTGCTGTTGCAATACAGGCATTGTTTACCAAGACTGTGACGCCATCTCTGTCTTGCTATACAGTGCAGTTGTCAGCAGTATGCTTAGAAGACATGTCTTCTTAAATTGTAAGAGAAATGTAGGGTTGACTGCTTTACTGAGGCGTCCGC

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:266	Middle	LPZ-242	ACGGCTGCAGAAGACGACAGAACCCCTGGCTGACTACAACATTCAAAAGGAGTCTAC CCTGCATCTGGTGCCTCGCTAAGAGGAGGCATGCAGATTGTTAAAACCCTA CAGGAAAACAATTACTCTGGAAGTGGAAAGCTCGGACACTATTGACAATGTAAAA GCTAAGATCCAGGACAAGGAGGGAACTCCACCTGACCAGCAGAGGTTGATCTTG CCGGAAAGCAGCTAGAAGATGGTCGACTCTGGCCGATTACAACATTCAAAGGA GTCGACCCTTCACCTGGTGCCTCGTCTCCGGCTTTAGGTTGGCTGTTGT GTGTCATGTAGCTGGTGATGTTAGTGGTTCTGCTTAATCCTTTATGTAT GCATGTGTTGTTGTGTTGTCTATGTTTTACTTGGTTGTCCTGGTAGGCGTCCGC CGGTTGAAGCCCGCTGGTGTCCCTGGTAGGCGTCCGC
SEQ ID NO:267	Middle	LPZ-243	GCGGACGCCCTGGACAAACACAGAAGGCGAAGTAAAAGCCAGTCTTACTTTCATGT AAATACTATCAAACACTGCATGGCCGTTCCGCTGGTGGCAATACCAACACCTGCGCCG GTAGTGCCAATGAACACTGCACCGGGCAGCTCTTCAGAAGTTGCAGAGGACTTACC ATTTAATTTCACGGCATCCCGTCAAACGGCGGGATGCTTTAATTTTAATCAA AAAAAAATATTAAATTATGGCACACAATATTGTTTCAACGAACAGACAGGCAAACACA GTTCTTACTGTAAAAGAAAAAGCATGGCATGGTTGGGCAAATTGTACAGGAC TATCCAAACAGTAAAGAACGATTGCAATTGCAAGGGCTGATTTGAAGTTGCAA AGGCCAATATTCACAGGCTTGATAATGGTAATGAGATTATTCTACCAAGTTCATTC TATACTTACCGTCTGATACCAACGCCATTAGGCGTCCGC
SEQ ID NO:268	Late	LPZ-244	GCGGACGCCCTGAACATAGGAGCATTCTAACGATATCAGGTATAACCATAAACCTG ACTTTGCTGCCCCAATAAGACATGCTCCAATTGGGATACCTTCCATCCTGGCA GTGTAAGTGTAGGCCCTCGAGCTGGCAATTCCAGTTATCTCGCATTGATCATGCT ACCCCTGTACAGCTGCCACTTTGAGTTCAACTGTCACAACATGCCGGCTGCTT CATGGAGCAACTTCACAGGAATCCCCAAACTCTGCTCATTGTCACTGCTCA AAAACCTAAACCCCAGATAAAACCTCGGTTCTGCGCTTTATCCCCGGTGGC TTATTGTTGCAGTAGTTGGCAACGGCTAGACTACTCACATTGATTCAATCTT CTAAGTTGCCCTTGGTTCTCACAGTAGATCCTATTGATTGTATTCTCGT CTTCTGGCAGCCGTA
SEQ ID NO:269	Late	LPZ-246	GCGGACGCCCTGCAGGAATCGGCCGATTTGCAGTTCGAGGCATAAGCGCATCGAG GTCGCGTTCGATGTAGCAATTAGCGCGATGAACCGCCGCTAAGCAAGCCAGTC CCAATCAAAGCACATGCAAAGCGGATGCAATCAAATCTCCGTTGTAAGCAAGCAC AAATCCAAC TGCAACATGAGATCACCACCATGAATGCAATTGAGTGCAGCTAAAT CCCAAAACGCTGCGAGTGTCCCTGAAGGCATTGTAATATTGACCGCTG CTCAACACAAGCAGTACTCCAAACACCAGTGCTTCCCGCGTCAATTCTCGTCTT CTCGCAGCCGTA
SEQ ID NO:270	Late	LPZ-247	CTGCGAGAAGACGACAGAACACAGACACAAAATTGGAAACTACAGAAAAGACCAT GTCATGAAATCTTCATAATTGGGCTTCAGATGCAGAGGGGGTCGGTTGGATTAA GCAATGGCTGAAGTGCTTGACAACAATACTCATGTTAGGACGAAATCTGCTTCAT ACTGCACACACAATGCCGCAACAGCAGCCATCTTGCAACAGCCTTGGAGGATAT TCACTCTCAACTGGATCAACACACTGCTTACTTGCTTCACTCAATCTGGA GTTGCCCAAGTAACAAGGCTTGTGCTCCCTAGGCATTGATGGTCCACAGGCGT CCGC
SEQ ID NO 271	Late	LPZ-248	TACGGCTGCGAGAAGACGACAGAACAGAGAGACAGGCTGGACTTCGTGGCTTCTTC CACCACGCATTATTCTTTCAGCAGCAATGTGATCGTTCATGGTTCTTAGAT CCCTGGAGCATAACACTCGAGATGGTCAGCTGACTAACAGCTGGCAAAATGG CGTATTCTAACAGATTGCATGACAGAAATGAAACACTATAACTACAAAGGTTCTATA GATCACATTGAAGAGTTGCTCCAATAACTACACTCCAACTGTAGGATTGGTTGT CAGAATTATGGTGGCTGTTAGGCGTCCGC

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